

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0001	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.			
Sacramento Maintenance Yard Cache Creek	M *	25.52				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.02		0.02	0.08%		
Encroachments	0.28		0.28	1.10%	1.19	0.12
USACE Erosion Survey	0.22	0.18	0.94	3.68%		
<i>LMA Totals:</i>	0.52	0.18	1.24	4.86% *	1.19	0.12
Unit No. 01 North Levee	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.			
	M *	11.81				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments	0.23		0.23	1.95%	0.97	0.12
USACE Erosion Survey	0.22	0.18	0.94	7.96%		
<i>Unit Totals:</i>	0.45	0.18	1.17	9.91% *	0.97	0.12
Unit No. 02 South Levee	Overall Unit Rating	Total Unit Miles				
	A	11.43				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.02		0.02	0.18%		
Encroachments	0.05		0.05	0.44%	0.22	
<i>Unit Totals:</i>	0.07	0.00	0.07	0.61%	0.22	0.00
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Overall Unit Rating	Total Unit Miles				
	A	2.28				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway			Bank	Unit Miles
Unit No. 01 North Levee			Left	11.81
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/16/2010		10/7/2010	
DWR Inspector	John Williamson		Bob Duffey	
Accompanied By			Ted Skidgel DWR Sac. Yard	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee						Left	11.81	11/18/2010 11/18/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	1.86	1.96	Earthen Levee	Encroachments	LS	CO	Landscaping	38.729828 ° -121.806532 °	38.731143 ° -121.806255 °	3
2	1.91	1.91	Earthen Levee	Encroachments	LS	PO	Buildings	38.730528 ° -121.806485 °	38.730528 ° -121.806485 °	4
3	1.92	1.94	Earthen Levee	Encroachments	LS	M	Equipment	38.730588 ° -121.806455 °	38.730942 ° -121.806333 °	5
4	1.96	1.99	Earthen Levee	Encroachments	WS	PO	Landscaping Inspector Comments: cactus on waterside berm	38.731197 ° -121.806232 °	38.731655 ° -121.806068 °	6 Y
5	1.96	1.99	Earthen Levee	Encroachments	LS	PO	Landscaping	38.731198 ° -121.806230 °	38.731650 ° -121.806068 °	7
6	1.98	1.98	Earthen Levee	Encroachments	LS	PO	Buildings	38.731507 ° -121.806122 °	38.731507 ° -121.806122 °	8 Y
7	2.01	2.01	Earthen Levee	Encroachments	LS	PO	Buildings	38.731927 ° -121.805973 °	38.731927 ° -121.805973 °	9 Y
8	2.03	2.03	Earthen Levee	Encroachments	LS	PO	Buildings	38.732162 ° -121.805895 °	38.732162 ° -121.805895 °	10
9	2.04	2.04	Earthen Levee	Encroachments	LS	PO	Buildings	38.732268 ° -121.805832 °	38.732268 ° -121.805832 °	11
10	2.05	2.05	Earthen Levee	Encroachments	LS	PO	Buildings	38.732432 ° -121.805752 °	38.732432 ° -121.805752 °	12 Y
11	2.06	2.06	Earthen Levee	Encroachments	LS	PO	Buildings	38.732537 ° -121.805708 °	38.732537 ° -121.805708 °	13
12	2.10	2.11	Earthen Levee	Encroachments	LS	PO	Landscaping	38.733117 ° -121.805367 °	38.733218 ° -121.805263 °	14
13	2.11	2.13	Earthen Levee	Encroachments	LS	CO	Fences	38.733215 ° -121.805262 °	38.733350 ° -121.805082 °	15
14	2.12	2.15	Earthen Levee	Encroachments	WS	M	Prunings	38.733274 ° -121.805111 °	38.733551 ° -121.804686 °	914 Y
15	2.12	2.12	Earthen Levee	Encroachments	LS	M	Debris	38.733314 ° -121.805056 °	38.733314 ° -121.805056 °	25 Y
16	2.15	2.15	Earthen Levee	Encroachments	LS	PO	Buildings	38.733555 ° -121.804737 °	38.733555 ° -121.804737 °	16 Y
17	2.54	2.58	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 15 ft berm, 1.5:1 slope, tree hazards, holes, and slumping, sands and silts, 4 ft/s [2009 SiteID:CHC_2-4_L]	38.732772 ° -121.797911 °	38.732642 ° -121.797156 °	35 Y
18	2.60	2.60	Earthen Levee	Encroachments	LS	PO	Buildings	38.732850 ° -121.796798 °	38.732850 ° -121.796798 °	17 Y
19	2.62	2.62	Earthen Levee	Encroachments	LS	M	Equipment	38.732903 ° -121.796538 °	38.732903 ° -121.796538 °	18

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee							Left	11.81	11/18/2010 11/18/2010	Bob Duffey
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
20	2.65	2.70	Earthen Levee	Encroachments	LS	M	Equipment	38.733080 ° -121.796013 °	38.733492 ° -121.795293 °	19 Y
21	2.66	2.66	Earthen Levee	Encroachments	LS	PO	Buildings	38.733132 ° -121.795890 °	38.733132 ° -121.795890 °	20 Y
22	2.79	2.83	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 15 ft berm, 1:1 slope, slumping, sands and silts, 5.89 ft/s [2009 SiteID:CHC_2-8_L]	38.734003 ° -121.793686 °	38.734106 ° -121.792964 °	36 Y
23	2.86	2.86	Earthen Levee	Encroachments	LS	M	Debris	38.734246 ° -121.792596 °	38.734246 ° -121.792596 °	28 Y
24	3.06	3.06	Earthen Levee	Encroachments	LS	M	Debris	38.734331 ° -121.788792 °	38.734331 ° -121.788792 °	29 Y
25	3.46	3.52	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 15 ft berm, 1:1 slope, holes and slumping, sands and silts, 6.5 ft/s [2009 SiteID:CHC_3-4_L]	38.732950 ° -121.785094 °	38.732050 ° -121.785267 °	37 Y
26	3.64	3.64	Earthen Levee	Encroachments	LS	M	Debris	38.730296 ° -121.784568 °	38.730296 ° -121.784568 °	30 Y
27	3.86	3.94	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards and holes, sands and silts, 6 ft/s [2009 SiteID:CHC_3-9_L]	38.728242 ° -121.781619 °	38.727625 ° -121.780336 °	38 Y
28	4.13	4.27	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 3 ft berm, 1.5:1 slope, tree hazards and holes, sands and silts, 4 ft/s [2009 SiteID:CHC_4-2_L]	38.727358 ° -121.776928 °	38.726933 ° -121.774417 °	41 Y
29	4.27	4.42	Earthen Levee	Encroachments	LS	PO	Landscaping	38.727047 ° -121.774413 °	38.726113 ° -121.771929 °	27 Y
30	4.33	4.33	Earthen Levee	Encroachments	LS	M	Prunings	38.726828 ° -121.773278 °	38.726828 ° -121.773278 °	44 Y
31	5.33	5.37	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 15 ft berm, vertical slope, tree hazards, holes, and slumping, sands and silts, 9.39 ft/s [2009 SiteID:CHC_5-4_L]	38.722933 ° -121.760561 °	38.723467 ° -121.760436 °	42 Y
32	5.73	5.73	Earthen Levee	Encroachments	WS	M	Prunings	38.723674 ° -121.754878 °	38.723674 ° -121.754878 °	911 Y
33	6.31	6.31	Earthen Levee	Encroachments	LS	PO	Tank Inspector Comments: filter tanks, concrete, slab fertilizer tanks and pipe through levee, no permit for pipe	38.728084 ° -121.746597 °	38.728084 ° -121.746597 °	31 Y
34	6.36	6.70	Earthen Levee	Encroachments	LS	C	Agricultural Ditch	38.728372 ° -121.745548 °	38.728755 ° -121.739567 °	32 Y

*** Location**

LS : Land Side
WS : Water Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee						Left	11.81	11/18/2010 11/18/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
35	6.36	6.70	Earthen Levee	Encroachments	LS	A	Material	38.728372 ° -121.745548 °	38.728755 ° -121.739567 °	1 Y
36	6.94	7.23	Earthen Levee	Encroachments	LS	C	Agricultural Ditch	38.728372 ° -121.745547 °	38.727486 ° -121.730251 °	912
37	7.29	7.29	Earthen Levee	Encroachments	LS	M	Prunings	38.727766 ° -121.729207 °	38.727766 ° -121.729207 °	915 Y
38	7.33	7.38	Earthen Levee	Encroachments	LS	M	Equipment	38.727878 ° -121.728553 °	38.728085 ° -121.727740 °	40 Y
39	7.33	7.33	Earthen Levee	Encroachments	LS	PO	Buildings	38.727870 ° -121.728527 °	38.727870 ° -121.728527 °	39 Y
40	7.40	8.03	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.728181 ° -121.727452 °	38.727199 ° -121.716907 °	913

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	1.96
End Levee Mile	1.99
Location	Water Side
Category	Earthen Levee
Item	Encroachments
cactus garden	
rduffey_f_20101007_202.jpg	



Levee Mile Report Line	6
Start Levee Mile	1.98
End Levee Mile	1.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
building and catus landside, town of Yolo	
rduffey_f_20101007_203.jpg	



Levee Mile Report Line	7
Start Levee Mile	2.01
End Levee Mile	2.01
Location	Land Side
Category	Earthen Levee
Item	Encroachments
general photo of homes in the town of Yolo	
rduffey_f_20101007_204.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	10
Start Levee Mile	2.05
End Levee Mile	2.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments

building close to toe

rduffey_f_20101007_205.jpg



Levee Mile Report Line	14
Start Levee Mile	2.12
End Levee Mile	2.15
Location	Water Side
Category	Earthen Levee
Item	Encroachments

pile of prunings on waterside shoulder

rduffey_f_20101007_223.jpg



Levee Mile Report Line	15
Start Levee Mile	2.12
End Levee Mile	2.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments

tree cut down and debris behind home

rduffey_f_20101007_209.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	16
Start Levee Mile	2.15
End Levee Mile	2.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments
horse barn and corral	
rduffey_f_20101007_206.jpg	



Levee Mile Report Line	17
Start Levee Mile	2.54
End Levee Mile	2.58
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, 1.5:1 slope, tree hazards, holes, and slumping, sands and silts, 4 ft/s [2009 SiteID:CHC_2-4_L]	
rduffey_f_20101007_214.JPG	



Levee Mile Report Line	18
Start Levee Mile	2.60
End Levee Mile	2.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
building and parts of tractors	
rduffey_f_20101007_207.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	20
Start Levee Mile	2.65
End Levee Mile	2.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments

equipment and parts

rduffey_f_20101007_208.jpg



Levee Mile Report Line	22
Start Levee Mile	2.79
End Levee Mile	2.83
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 15 ft berm, 1:1 slope, slumping, sands and silts, 5.89 ft/s [2009 SiteID:CHC_2-8_L]

rduffey_f_20101007_215.JPG



Levee Mile Report Line	23
Start Levee Mile	2.86
End Levee Mile	2.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

concrete debris

rduffey_f_20101007_210.jpg

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	24
Start Levee Mile	3.06
End Levee Mile	3.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
old burn pile left over debris	
rduffey_f_20101007_211.jpg	



Levee Mile Report Line	25
Start Levee Mile	3.46
End Levee Mile	3.52
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, 1:1 slope, holes and slumping, sands and silts, 6.5 ft/s [2009 SiteID:CHC_3-4_L]	
rduffey_f_20101007_216.JPG	



Levee Mile Report Line	26
Start Levee Mile	3.64
End Levee Mile	3.64
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Trash dumped	
rduffey_f_20101007_212.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	27
Start Levee Mile	3.86
End Levee Mile	3.94
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, tree hazards and holes, sands and silts, 6 ft/s [2009 SiteID:CHC_3-9_L]	
rduffey_f_20101007_217.JPG	



Levee Mile Report Line	28
Start Levee Mile	4.13
End Levee Mile	4.27
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 3 ft berm, 1.5:1 slope, tree hazards and holes, sands and silts, 4 ft/s [2009 SiteID:CHC_4-2_L]	
rduffey_f_20101007_220.JPG	



Levee Mile Report Line	31
Start Levee Mile	5.33
End Levee Mile	5.37
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, vertical slope, tree hazards, holes, and slumping, sands and silts, 9.39 ft/s [2009 SiteID:CHC_5-4_L]	
rduffey_f_20101007_221.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	33
Start Levee Mile	6.31
End Levee Mile	6.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
pipe trough levee filter and fertilizer tanks	
rduffey_f_20101007_213.jpg	



Levee Mile Report Line	35
Start Levee Mile	6.36
End Levee Mile	6.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fill in v - ditch along the toe.	
dpesaven_f_20101202_329.jpg	



Levee Mile Report Line	37
Start Levee Mile	7.29
End Levee Mile	7.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
trash and burn pile	
rduffey_f_20101007_224.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected/Rated

C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.81	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	38
Start Levee Mile	7.33
End Levee Mile	7.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments
irrigation equipment	
rduffey_f_20101007_219.jpg	



Levee Mile Report Line	39
Start Levee Mile	7.33
End Levee Mile	7.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
barn and livestock pens	
rduffey_f_20101007_218.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway			Bank	Unit Miles
Unit No. 02 South Levee			Right	11.43
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/16/2010		10/7/2010	
DWR Inspector	John Williamson		Bob Duffey	
Accompanied By			ted Skidgel DWR Sac. Yard	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/18/2010 11/18/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.18	0.18	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: stumps	38.729801 ° -121.805180 °	38.729801 ° -121.805180 °	11 Y
2	0.28	0.28	Earthen Levee	Encroachments	LS	M	Debris	38.731030 ° -121.804886 °	38.731030 ° -121.804886 °	16
3	0.61	0.61	Earthen Levee	Encroachments	WS	M	Prunings	38.732741 ° -121.799996 °	38.732741 ° -121.799996 °	14
4	1.45	1.45	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	38.733475 ° -121.785929 °	38.733475 ° -121.785929 °	17 Y
5	1.63	1.63	Earthen Levee	Encroachments	LS	M	Prunings	38.730769 ° -121.785988 °	38.730769 ° -121.785988 °	12
6	2.36	2.36	Earthen Levee	Encroachments	LS	C	Pipe	38.726222 ° -121.774877 °	38.726222 ° -121.774877 °	3
7	2.41	2.41	Earthen Levee	Encroachments	LS	C	Equipment	38.725953 ° -121.773997 °	38.725953 ° -121.773997 °	4
8	2.41	2.41	Earthen Levee	Encroachments	LS	A	Equipment	38.725953 ° -121.773997 °	38.725953 ° -121.773997 °	1 Y
9	2.57	2.57	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.724433 ° -121.771717 °	38.724433 ° -121.771717 °	5
10	2.60	2.60	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.724115 ° -121.771370 °	38.724115 ° -121.771370 °	6
11	3.48	3.57	Earthen Levee	Encroachments	LS	PO	Landscaping	38.722228 ° -121.759663 °	38.723322 ° -121.759317 °	7
12	4.00	4.04	Earthen Levee	Encroachments	LS	PO	Buildings	38.723922 ° -121.752593 °	38.724257 ° -121.752193 °	8 Y
13	4.04	4.13	Earthen Levee	Encroachments	LS	PO	Landscaping	38.724317 ° -121.752148 °	38.725242 ° -121.751075 °	9 Y
14	4.15	4.15	Earthen Levee	Encroachments	LS	M	Equipment	38.725476 ° -121.750809 °	38.725476 ° -121.750809 °	13 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

stumps against levee toe

rduffey_f_20101007_230.jpg



Levee Mile Report Line	4
Start Levee Mile	1.45
End Levee Mile	1.45
Location	Land Side
Category	Earthen Levee
Item	Animal Control

rodent activity

rduffey_f_20101007_232.jpg



Levee Mile Report Line	4
Start Levee Mile	1.45
End Levee Mile	1.45
Location	Land Side
Category	Earthen Levee
Item	Animal Control

more holes bait station is in place

rduffey_f_20101007_233.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	8
Start Levee Mile	2.41
End Levee Mile	2.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of removed equipment that was next to toe.

dpesaven_f_20101202_331.jpg



Levee Mile Report Line	12
Start Levee Mile	4.00
End Levee Mile	4.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments

out building at toe

rduffey_f_20101007_227.jpg



Levee Mile Report Line	13
Start Levee Mile	4.04
End Levee Mile	4.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

landscape

rduffey_f_20101007_228.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.43	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	14
Start Levee Mile	4.15
End Levee Mile	4.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments

pipe run on toe along oorchard

rduffey_f_20101007_231.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Sacramento Maintenance Yard Cache Creek

Waterway			Bank	Unit Miles
Unit No. 04 East Training Levee of Cache Creek Settling Basin			Left	2.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/16/2010		10/7/2010	
DWR Inspector	John Williamson		Bob Duffey	
Accompanied By			Ted Skidgel DWR Sac. Yard	

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.28	11/18/2010 11/18/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	1.51	1.51	Earthen Levee	Crown Surface / Depressions / Rutting	LS	A	Keep the crown roadway free of vegetation.	38.706380 ° -121.715333 °	38.706380 ° -121.715333 °	1 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.28	11/18/2010 11/18/2010	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	1.51
End Levee Mile	1.51
Location	Land Side
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
View of the crown roadway & both slope clear of vegetation.	
rduffey_f_20101123_329.jpg	

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CR : Crown

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